Rev	Model and Serial Range	Part Number	Replaces	Location
2	C-145-2 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	C-145-2H s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	C-145-2HP s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	E-185 s/n all;	MC22022	22022	ENGINE
		MC401885	401885	ENGINE
	O-200-A s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	O-200-B s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	E-225 s/n all;	MC22022	22022	ENGINE
		MC401885	401885	ENGINE
	E165-2 s/n all;	MC22022	22022	ENGINE
		MC401885	401885	ENGINE
	E165-3 s/n all;	MC22022	22022	ENGINE
		MC401885	401885	ENGINE
	E165-4 s/n all;	MC22022	22022	ENGINE
		MC401885	401885	ENGINE
	IO-240-A s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-240-B s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IOF-240-B s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	GO-300-A s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	GO-300-C s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	GO-300-D s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	GO-300-E s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	O-300-A s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	O-300-B s/n all;	MC22022	22022	ENGINE

Project Engineer: Date: 12/04/2020

Quality Manager: Date: 12-4-2020

Engineering Manager: Date: 12-4-2020

Manufacturing Manager: Date: 12-4-2020

McFarlane

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Title: **Engine Studs & Nuts**

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REVISION: ~

~	08/10/2020	ORIGINAL

"X": Bold letter indicates revision level.

REVISION

Rev	Model and Serial Range	Part Number	Replaces	Location
	O-300-B s/n all;	MC402151	402151	ENGINE
2	O-300-C s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	O-300-D s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
2	O-300-E s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	IO-360-A s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-AB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-AF s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-C s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-CB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-D s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-DB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-ES s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-G s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-GB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-H s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-HB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-J s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	IO-360-JB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	IO-360-K s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE

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Title: **Engine Studs & Nuts**

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-360-KB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	LTSIO-360-E s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	LTSIO-360-EB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	LTSIO-360-KB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	LTSIO-360-RB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-A s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-AB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-B s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-C s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-CB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-D s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-DB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-E s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-EB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-F s/n all;	MC22022	22022	ENGINE
		MC402044	402044	ENGINE
	TSIO-360-FB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-GB s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-H s/n all;	MC22022	22022	ENGINE
		MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-HB s/n all;	MC22022	22022	ENGINE

Rev	Model and Serial Range	Part Number	Replaces	Location
	TSIO-360-HB s/n all;	MC657986-1.38	657986-1.38	ENGINE
	TSIO-360-JB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	TSIO-360-KB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	TSIO-360-LB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	TSIO-360-MB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	TSIO-360-RB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	TSIO-360-SB s/n all;	MC22022 MC657986-1.38	22022 657986-1.38	ENGINE ENGINE
	E-185-1 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-10 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-11 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-2 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-3 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-5 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-8 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E-185-9 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E225-2 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E225-4 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E225-8 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	E225-9 s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE

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Title: **Engine Studs & Nuts**

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-470-C s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-D s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-E s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-F s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-G s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-H s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-J s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	IO-470-K s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	IO-470-L s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-M s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-N s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-P s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-R s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-S s/n all;	MC401893	401893	ENGINE

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Baldwin City, Kansas 66006

Title: **Engine Studs & Nuts**

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Drawing Number: 1618

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-470-S s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	IO-470-U s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-V s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-470-VO s/n all;	MC657985-1.38	657985-1.38	ENGINE
	O-470-A s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	O-470-B s/n all;	MC401804 MCMS20500-428	401804 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-E s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	O-470-G s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-G-CI s/n all;	MC657985-1.38	657985-1.38	ENGINE
	O-470-J s/n all;	MC22022 MC401885	22022 401885	ENGINE ENGINE
	O-470-K s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-L s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-M s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-P s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-R s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	O-470-S s/n all;	MC401893	401893	ENGINE

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Baldwin City, Kansas 66006

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Rev	Model and Serial Range	Part Number	Replaces	Location
	O-470-S s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	O-470-U s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-C s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-D s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-H s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-L s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-M s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	GTSIO-520-N s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-A s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-B s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-BA s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-BB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-C s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-CB s/n all;	MC657985-1.38	657985-1.38	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-520-CB s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	IO-520-D s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-E s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-F s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-J s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-K s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-L s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-M s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-520-MB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	LTSIO-520-AE s/n all;	MC22022 MC657986-1.25	22022 657986-1.25	ENGINE ENGINE
	TSIO-520-AE s/n all;	MC22022 MC657986-1.25	22022 657986-1.25	ENGINE ENGINE
	TSIO-520-AF s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-B s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-BB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	TSIO-520-BE s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-C s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-CE s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-D s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-DB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-E s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-EB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-G s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-H s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-J s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	TSIO-520-JB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-K s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	TSIO-520-KB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-L s/n all;	MC657985-1.38	657985-1.38	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	TSIO-520-L s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	TSIO-520-LB s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-M s/n all;	MC401893 MC657985-1.38 MCMS20500-428	401893 657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE ENGINE
	TSIO-520-N s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-NB s/n all;	MC657985-1.38	657985-1.38	ENGINE
	TSIO-520-P s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-R s/n all;	MC401893 MCMS20500-428	401893 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-520-T s/n all;	MC657985-1.38	657985-1.38	ENGINE
	TSIO-520-UB s/n all;	MC657985-1.38	657985-1.38	ENGINE
	TSIO-520-VB s/n all;	MC657985-1.38	657985-1.38	ENGINE
	TSIO-520-WB s/n all;	MC657985-1.38	657985-1.38	ENGINE
	IO-550-A s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-B s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	IO-550-C s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-D s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-E s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-F s/n all;	MC657985-1.38	657985-1.38	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-550-F s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	IO-550-G s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-L s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-N s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-P s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IO-550-R s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IOF-550-N s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IOF-550-P s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	IOF-550-R s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-A s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-B s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-C s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-E s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-G s/n all;	MC657985-1.38	657985-1.38	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	TSIO-550-G s/n all;	MCMS20500-428	21247, 536038, MS20500-428	ENGINE
	TSIO-550-J s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-K s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIO-550-N s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOF-550-D s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOF-550-J s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOF-550-K s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOF-550-P s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOL-550-A s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	TSIOL-550-C s/n all;	MC657985-1.38 MCMS20500-428	657985-1.38 21247, 536038, MS20500-428	ENGINE ENGINE
	A-65 s/n all;	MC22022	22022	ENGINE
	A-75 s/n all;	MC22022	22022	ENGINE
	C-75 s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE
	C75-2 s/n all;	MC22022	22022	ENGINE
	C-85 s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE
	C-90-12F s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	C-90-14F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C-90-8F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	A-50-1 s/n all;	MC22022	22022	ENGINE
	A-50-2 s/n all;	MC22022	22022	ENGINE
	A-50-3 s/n all;	MC22022	22022	ENGINE
	A-50-4 s/n all;	MC22022	22022	ENGINE
	A-50-4J s/n all;	MC22022	22022	ENGINE
	A-50-5 s/n all;	MC22022	22022	ENGINE
	A-50-5J s/n all;	MC22022	22022	ENGINE
	A-50-6 s/n all;	MC22022	22022	ENGINE
	A-50-6J s/n all;	MC22022	22022	ENGINE
	A-50-7 s/n all;	MC22022	22022	ENGINE
	A-50-7J s/n all;	MC22022	22022	ENGINE
	A-50-8 s/n all;	MC22022	22022	ENGINE
	A-50-8J s/n all;	MC22022	22022	ENGINE
	A-50-9 s/n all;	MC22022	22022	ENGINE
	A-50-9J s/n all;	MC22022	22022	ENGINE
	A-65-1 s/n all;	MC22022	22022	ENGINE
	A-65-12 s/n all;	MC22022	22022	ENGINE
	A-65-12F s/n all;	MC22022	22022	ENGINE
	A-65-12FJ s/n all;	MC22022	22022	ENGINE
	A-65-12J s/n all;	MC22022	22022	ENGINE
	A-65-14 s/n all;	MC22022	22022	ENGINE
	A-65-14F s/n all;	MC22022	22022	ENGINE
	A-65-14FJ s/n all;	MC22022	22022	ENGINE
	A-65-14J s/n all;	MC22022	22022	ENGINE
	A-65-3 s/n all;	MC22022	22022	ENGINE
	A-65-6 s/n all;	MC22022	22022	ENGINE
	A-65-6J s/n all;	MC22022	22022	ENGINE
	A-65-7 s/n all;	MC22022	22022	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	A-65-8 s/n all;	MC22022	22022	ENGINE
	A-65-8F s/n all;	MC22022	22022	ENGINE
	A-65-8FJ s/n all;	MC22022	22022	ENGINE
	A-65-8J s/n all;	MC22022	22022	ENGINE
	A-65-9 s/n all;	MC22022	22022	ENGINE
	A-65-9F s/n all;	MC22022	22022	ENGINE
	A-65-9FJ s/n all;	MC22022	22022	ENGINE
	A-65-9J s/n all;	MC22022	22022	ENGINE
	A-75-3 s/n all;	MC22022	22022	ENGINE
	A-75-6 s/n all;	MC22022	22022	ENGINE
	A-75-6J s/n all;	MC22022	22022	ENGINE
	A-75-8 s/n all;	MC22022	22022	ENGINE
	A-75-8F s/n all;	MC22022	22022	ENGINE
	A-75-8FJ s/n all;	MC22022	22022	ENGINE
	A-75-8J s/n all;	MC22022	22022	ENGINE
	A-75-9 s/n all;	MC22022	22022	ENGINE
	A-75-9J s/n all;	MC22022	22022	ENGINE
	A-80-5J s/n all;	MC22022	22022	ENGINE
	A-80-8 s/n all;	MC22022	22022	ENGINE
	A-80-8J s/n all;	MC22022	22022	ENGINE
	A-80-9 s/n all;	MC22022	22022	ENGINE
	A-80-9J s/n all;	MC22022	22022	ENGINE
	C-115-1 s/n all;	MC22022	22022	ENGINE
	C-115-2 s/n all;	MC22022	22022	ENGINE
	C-125-1 s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE
	C-125-2 s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE
2	C145-2 s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE
2	C145-2H s/n all;	MC22022 MC402151	22022 402151	ENGINE ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
2	C145-2HP s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12B s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12BF s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12BFH s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12FH s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12FHJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12FJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-12J s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-15 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-15F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8FH s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8FHJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8FJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C75-8J s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-12 s/n all;	MC22022	22022	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	C85-12 s/n all;	MC402151	402151	ENGINE
	C85-12F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-12FH s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-12FHJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-12FJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-12J s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-14F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-15 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-15F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-8 s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-8F s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-8FHJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-8FJ s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	C85-8J s/n all;	MC22022	22022	ENGINE
		MC402151	402151	ENGINE
	O-235-C1 s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine
	O-235-C1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine
	O-235-C1C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-C2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine

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	O-235-C2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-F2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-F2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-H2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-J2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-K2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-K2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-K2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-L2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-L2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-M1 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-N2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-N2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-235-P2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-290-D s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine
	O-290-D2 s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine
	O-290-D2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine

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	O-290-D2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MC61251	61251	ENGINE
		MCSTD-1410	STD-1410	Engine
	AIO-320-B1B s/n all;	MC31C-12	31C-12, 61261	Engine
	AIO-320-C1B s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-320-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-320-B1C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-320-C1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-320-D1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-320-D1B s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-320-E1A s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-320-E1B s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-320-E2A* s/n 0 thru ZZZZZZZZZZZZZZZ;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-320-E2B s/n all;	MC31C-12	31C-12, 61261	Engine
	LIO-320-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	LIO-320-C1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A2A s/n all;	MC31C-12	31C-12, 61261	ENGINE
		MCSTD-1410	STD-1410	Engine
	O-320-A2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A2D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A3A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A3B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-A3C s/n all;	MC31C-12	31C-12, 61261	Engine

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	O-320-A3C s/n all;	MCSTD-1410	STD-1410	Engine
	O-320-B1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-B2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	ENGINE Engine
	O-320-B2B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-B2C s/n all;	MC31C-12	31C-12, 61261	Engine
	O-320-B3A s/n all;	MCSTD-1410	STD-1410	Engine
	O-320-B3B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-B3C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	ENGINE Engine
	O-320-C1A s/n all;	MCSTD-1410	STD-1410	Engine
	O-320-D1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D1D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D1F s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D2B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D2C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D2G s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D2J s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-D3G s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-E1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-320-E1C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	O-320-E1F s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2F s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2G s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E2H s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E3D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-E3H s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-H1AD s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-H1BD s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-H2AD s/n all;	MC31C-12	31C-12, 61261	Engine
	O-320-H2BD s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-H3AD s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-320-H3BD s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-340-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-340-A2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-340-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	AEIO-360-A1E s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-A1E6 s/n all;	MCSTD-1410	STD-1410	Engine
	AEIO-360-B1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-B1F s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-B1G6 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-B1H s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-H1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AEIO-360-H1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AIO-360-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AIO-360-A1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	AIO-360-B1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-A1B s/n all;	MCSTD-1410	STD-1410	Engine
	HIO-360-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-B1B s/n all;	MCSTD-1410	STD-1410	Engine
	HIO-360-C1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-C1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-D1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HIO-360-E1AD s/n all;	MC31C-12	31C-12, 61261	Engine
		MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	Engine
	HIO-360-E1BD s/n all;	MC31C-12	31C-12, 61261	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	HIO-360-E1BD s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	Engine
	HIO-360-F1AD s/n all;	MC31C-12	31C-12, 61261	Engine
		MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	Engine
	HIO-360-G1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HO-360-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HO-360-B1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	HO-360-C1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1B6 s/n all;	MC31C-12	31C-12, 61261	Engine
		MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-360-A1B6D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1C s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A1D6 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A2A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A2B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-A3B6D s/n all;	MC31C-12	31C-12, 61261	Engine
		MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-360-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-360-B1B s/n all;	MC31C-12	31C-12, 61261	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-360-B1B s/n all;	MCSTD-1410	STD-1410	Engine
	IO-360-B1D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-B1E s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-B1F s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-B2F s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-B2F6 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-B4A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-C1A s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1B s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1C s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1C6 s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1D6 s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1E6 s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-C1F s/n all;	MC31C-12 MC31C-13	31C-12, 61261 31C-13, 67528	Engine ENGINE
	IO-360-C1G6 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-E1A s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-J1A6D s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-360-L2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-M1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-360-M1B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IVO-360-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
	LIO-360-B1G6 s/n all;	MCSTD-2233	STD-2233	ENGINE
	LIO-360-C1E6 s/n all;	MC31C-12	31C-12, 61261	Engine
	LIO-360-M1A s/n all;	MC31C-12	31C-12, 61261	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	LIO-360-M1A s/n all;	MCSTD-1410	STD-1410	Engine
	LO-360-A1G6D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	LO-360-A1H6 s/n all;	MC31C-12	31C-12, 61261	Engine
	LO-360-E1A6D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	LTO-360-E1A6D s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-A1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A1AD s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A1C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A1D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A1F6 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A1F6D s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A1G s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-A1G6 s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A1G6D s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A1H s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-A1H6 s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-A1LD s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A1P s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-A2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A2D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A2E s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A2F s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A2G s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A3A s/n all;	MC31C-12	31C-12, 61261	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	O-360-A3A s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A3AD s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A4A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A4G s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A4K s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A4M s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-A4N s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A4P s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-A5AD s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-B2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-B2C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C1C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C1E s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C1F s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C1G s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C2B s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-C2C s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C2D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C2E s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-C4F s/n all;	MC31C-12	31C-12, 61261	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	O-360-C4F s/n all;	MCSTD-1410	STD-1410	Engine
	O-360-C4P s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-D2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-D2B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-E1A6D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-360-F1A6 s/n all;	MC31C-12	31C-12, 61261	Engine
	O-360-J2A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	TIO-360-A1B s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-360-C1A6D s/n all;	MC25C-10	25C-10	ENGINE
	TO-360-C1A6D s/n all;	MC25C-8	25C-8	ENGINE
	TO-360-E1A6D s/n all;	MC31C-12	31C-12, 61261	Engine
	VO-360-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
	VO-360-A1B s/n all;	MC31C-12	31C-12, 61261	Engine
	VO-360-B1A s/n all;	MC31C-12	31C-12, 61261	Engine
	HIO-390-A1A s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE ENGINE
	IO-390-A1A6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE Engine
	IO-390-A1B6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE Engine
	IO-390-A3A6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE Engine
	IO-390-A3B6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE Engine
	IO-390-B1A6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE ENGINE
	IO-390-B1B6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE ENGINE
	IO-390-C1A6 s/n all;	MC31C-13 MCSTD-1410	31C-13, 67528 STD-1410	ENGINE ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-390-C1B6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-C3A6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-C3B6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-D1A6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-D1B6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-D3A6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	IO-390-D3B6 s/n all;	MC31C-13	31C-13, 67528	ENGINE
		MCSTD-1410	STD-1410	ENGINE
	TVO-435-A1A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	TVO-435-B1A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-435-A1B s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-435-A1C s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-435-A1D s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-435-A1E s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-435-A1F s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GO-480 s/n all;	MCSTD-37	STD-37	Engine
	GO-480-B s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-B1A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-B1B s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-B1C s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	GO-480-B1D s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-D1A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-F1A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-F2A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-F4A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	ENGINE
	GO-480-F6 s/n all;	MC31-12	31-12	ENGINE
	GSO-480-A1A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-A2A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B1A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B1B6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B1C6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B1E6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B1J6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	GSO-480-B2D6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	IGSO-480-A1A6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	IGSO-480-A1B6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	IGSO-480-A1C6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	IGSO-480-A1D6 s/n all;	MCSTD-37	STD-37	Engine
	IGSO-480-A1E6 s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	IGSO-480-A1F6 s/n all;	MC31-12	31-12	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IGSO-480-A1F6 s/n all;	MCSTD-37	STD-37	Engine
	AEIO-540-D4A5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	AEIO-540-D4B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	AEIO-540-L1B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	AEIO-540-L1B5D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IGO-540-A1A s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGO-540-A1C s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGO-540-B1A s/n all;	MC31-10 MCSTD-37	31-10 STD-37	ENGINE Engine
	IGO-540-B1C s/n all;	MC31-10 MCSTD-37	31-10 STD-37	ENGINE Engine
	IGSO-540-A1A s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGSO-540-A1C s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGSO-540-A1D s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGSO-540-A1E s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGSO-540-A1H s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	IGSO-540-B1A s/n all;	MC31-10 MCSTD-37	31-10 STD-37	ENGINE Engine
	IGSO-540-B1C s/n all;	MC31-10 MCSTD-37	31-10 STD-37	ENGINE Engine
	IO-540-A1A5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-540-AB1A5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	IO-540-AC1A5 s/n all;	MC25C-11 MCSTD-2044	25C-11 STD-2044	ENGINE ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-540-AE1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-AF1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-AG1A5 s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-540-B1A5 s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-540-B1C5 s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-540-C1B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-C4B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-C4C5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-C4D5D s/n all;	MC31C-12	31C-12, 61261	Engine
	IO-540-D4A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-D4B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-E1A5 s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-540-E1B5 s/n all;	MC31C-10	31C-10	ENGINE
	IO-540-G1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-G1B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-G1C5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-G1D5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-G1E5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-540-G1F5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-J4A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-K1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1C5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-K1D5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1E5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1F5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1F5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1G5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1G5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1J5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-K1J5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-540-K1K5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1411	STD-1411	ENGINE
	IO-540-L1C5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-M1A5 s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
	IO-540-N1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-P1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-R1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-S1A5 s/n all;	MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-T4A5D s/n all;	MC31C-12	31C-12, 61261	ENGINE
		MCSTD-1410	STD-1410	ENGINE
		MCSTD-2043	STD-2043	ENGINE
	IO-540-T4B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-T4B5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
		MCSTD-2043	STD-2043	ENGINE
	IO-540-T4C5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-V4A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-V4A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-W1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-W1A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-540-W3A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	LTIO-540-F2BD s/n all;	MC31C-10	31C-10	ENGINE
	LTIO-540-J2B s/n all;	MC31C-10	31C-10	ENGINE
	LTIO-540-J2BD s/n all;	MC31C-10	31C-10	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	LTIO-540-N2BD s/n all;	MC31C-10	31C-10	ENGINE
	LTIO-540-R2AD s/n all;	MC31C-10	31C-10	ENGINE
	LTIO-540-U2A s/n all;	MCSTD-1411	STD-1411	ENGINE
	LTIO-540-V2AD s/n all;	MC25C-10	25C-10	ENGINE
	O-540-A1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A1A5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A1B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A1C5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A1D s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A1D5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A2B s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A3D5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A4B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A4D5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-A4E5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-B1A5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-B1B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-B2B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-B2C5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	O-540-B4B5 s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	O-540-E4A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-E4B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-E4C5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-F1B5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-G1A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-G2A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-H1B5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-H2A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-H2B5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-J1A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-J3A5 s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-J3A5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-J3C5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	O-540-L3C5D s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-2043	STD-2043	ENGINE
	TIO-540-A1A s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-A1B s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-A2A s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-A2B s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-A2C s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-AA1AD s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-AB1AD s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-AE2A s/n all;	MCSTD-1411	STD-1411	ENGINE

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REVISION 2

Rev	Model and Serial Range	Part Number	Replaces	Location
	TIO-540-AF1A s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-AF1B s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-AG1A s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-AH1A s/n all;	MCSTD-1411	STD-1411	ENGINE
	TIO-540-AJ1A s/n all;	MC25C-11 MCSTD-1411	25C-11 STD-1411	ENGINE ENGINE
	TIO-540-AK1A s/n all;	MC31C-12	31C-12, 61261	Engine
	TIO-540-C1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	TIO-540-E1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	TIO-540-F2BD s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-G1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	TIO-540-H1A s/n all;	MC31C-12 MCSTD-1410	31C-12, 61261 STD-1410	Engine Engine
	TIO-540-J2B s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-J2BD s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-N2BD s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-R2AD s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-S1AD s/n all;	MC31C-10	31C-10	ENGINE
	TIO-540-U2A s/n all;	MCSTD-1411	STD-1411	ENGINE
	TIO-540-V2AD s/n all;	MC25C-10	25C-10	ENGINE
	TIO-540-W2A s/n all;	MC25C-11 MCSTD-1411	25C-11 STD-1411	ENGINE ENGINE
	TIVO-540-A2A s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	VO-540-A1A s/n all;	MCSTD-37	STD-37	Engine
	VO-540-A2A s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	VO-540-B1A s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine
	VO-540-B1B3 s/n all;	MC31-12 MCSTD-37	31-12 STD-37	ENGINE Engine

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Rev	Model and Serial Range	Part Number	Replaces	Location
	VO-540-B1C s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-B1D s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-B2A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-B2C s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-B2D s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-C1A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-C1B s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-C2A s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	VO-540-C2B s/n all;	MC31-12	31-12	ENGINE
		MCSTD-37	STD-37	Engine
	TIGO-541-E1A s/n all;	MC25C-10	25C-10	ENGINE
		MC25C-8	25C-8	ENGINE
		MCSTD-1411	STD-1411	ENGINE
	TIO-541-A1A s/n all;	MC31C-10	31C-10	ENGINE
	TIO-541-E1A4 s/n all;	MC25C-10	25C-10	ENGINE
	TIO-541-E1B4 s/n all;	MC25C-10	25C-10	ENGINE
	TIO-541-E1C4 s/n all;	MC25C-10	25C-10	ENGINE
	AEIO-580-B1A s/n all;	MCSTD-2233	STD-2233	ENGINE
	IO-580-B1A s/n all;	MCSTD-2233	STD-2233	ENGINE
	IO-720-A1A s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-720-A1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
A	IO-720-B1B s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
A	IO-720-B1BD s/n all;	MC31C-10	31C-10	ENGINE
		MCSTD-1410	STD-1410	Engine
A	IO-720-C1B s/n all;	MC31C-10	31C-10	ENGINE

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Rev	Model and Serial Range	Part Number	Replaces	Location
	IO-720-C1B s/n all;	MCSTD-1410	STD-1410	Engine
	IO-720-D1B s/n all;	MC31C-12	31C-12, 61261	Engine
		MCSTD-1410	STD-1410	Engine
	IO-720-D1C s/n all;	MCSTD-1410	STD-1410	Engine

* Denotes partial model eligibility

"MC" prefix denotes McFarlane Aviation, Inc. manufacture

~ Note 1 Oversized stud variants indicated by a "P…" suffix have identical eligibility as their base P/N.

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